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**DECLARATION AND POWER OF ATTORNEY
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No. CISCP120/1638

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **TECHNIQUE FOR PROVIDING DYNAMIC MODIFICATION OF APPLICATION SPECIFIC POLICIES IN A FEEDBACK-BASED, ADAPTIVE DATA NETWORK**, the specification of which,

- (check one)
1. ☐ is attached hereto.
 2. ☒ was filed on June 29, 1999 as
U.S. Application No. 09/342,341
and was amended on _____.
 3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

_____ (Appl. No.)	_____ (Country)	_____ (Filing Date)	<input type="checkbox"/> Yes <input type="checkbox"/> No
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)

_____ (Application No.)	_____ (Filing Date)
----------------------------	------------------------

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

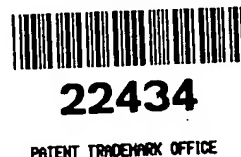
Prior U.S. Application(s)

(Application No.) (Filing Date) (Status - patented, pending, abandoned)

And I hereby appoint the law firm of Beyer & Weaver, LLP, including Steve D Beyer (Reg. No. 31,234); Jeffrey K. Weaver (Reg. No. 31,314); Joseph A. Nguyen (Reg. No. 37,899); C. Douglass Thomas (Reg. No. 32,947); Jonathan O. Scott (Reg. No. 39,364); James E. Austin (Reg. No. 39,489); Rupak Nag (Reg. No. 37,493); Joseph M. Villeneuve (Reg. No. 37,460); Michael L. Louie (Reg. No. 36,988); Peggy A. Su (Reg. No. 41,336); Mary R. Olynick (Reg. No. 42,963); Dean E. Wolf, (Reg. No. 37,260); Elise R. Heilbrunn (Reg. No. 42,649); Grace C. Chen (Reg. No. 41,396); Michael J. Ferrazano (Reg. No. 44,105) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Direct Correspondence To:

Customer Number: 022434
BEYER & WEAVER, LLP
P.O. Box 61059
Palo Alto, CA 94306



Direct Telephone Calls To: Dean E. Wolf, Esq. at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of
First Joint Inventor:

Shankar Natarajan

Citizenship: U.S.A.

Inventor's signature:

Shankar Natarajan

Date of Signature: 8/13/99

Residence: (City)

Fremont

(State/Country) CA/USA

Post Office Address:

4899 Friar Avenue, Fremont, CA 94555

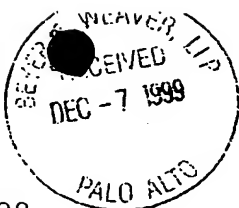
Typewritten Full Name of

Second Joint Inventor: Andrew G. Harvey Citizenship: Great Britain
Inventor's signature: Andrew G. Harvey Date of Signature: 8/16/99
Residence: (City) Pleasanton (State/Country) CA/USA
Post Office Address: 3215 Glenda Court, Pleasanton, CA 94588

Typewritten Full Name of Third Joint Inventor: Hsuan-Chung Lee Citizenship: U.S.A.
Inventor's signature: Hsuan-Chung Lee Date of Signature: 8/13/1999
Residence: (City) Cupertino (State/Country) CA/USA
Post Office Address: 10471 North Blaney Avenue, Cupertino, CA 95014

Typewritten Full Name of Fourth Joint Inventor: Vipin Rawat Citizenship: India
Inventor's signature: Vipin Rawat Date of Signature: 8/13/99
Residence: (City) Sunnyvale (State/Country) CA/USA
Post Office Address: 1235 Wildwood Avenue, #38, Sunnyvale, CA 94089

Typewritten Full Name of Fifth Joint Inventor: Leo Pereira Citizenship: India
Inventor's signature: Leo Pereira Date of Signature: 8/13/99
Residence: (City) Fremont (State/Country) CA/USA
Post Office Address: 1873 Cameron Hills Court, Fremont, CA 94555



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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NOVEMBER 24, 1999

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BEYER & WEAVER, LLP
JEFFREY K. WEAVER
P.O. BOX 61059
PALO ALTO, CA 94306



101162962A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/27/1999

REEL/FRAME: 010201/0824
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
NATARAJAN, SHANKAR

DOC DATE: 08/13/1999

ASSIGNOR:
HARVEY, ANDREW G.

DOC DATE: 08/13/1999

ASSIGNOR:
LEE, HSUAN-CHUNG

DOC DATE: 08/13/1999

ASSIGNOR:
RAWAT, VIPIN

DOC DATE: 08/13/1999

ASSIGNOR:
PEREIRA, LEO

DOC DATE: 08/13/1999

ASSIGNEE:
CISCO TECHNOLOGY, INC.
170 WEST TASMAN DRIVE
SAN JOSE, CALIFORNIA 95134-1706

BEYER & WEAVER, LLP

✓ FOREIGN
12-9-99 BY: JKW
CISC.P120
JKW
PEN

010201/0824 PAGE 2

SERIAL NUMBER: 09342341
PATENT NUMBER:

FILING DATE: 06/29/1999
ISSUE DATE:

ANNE HARRELL, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

8-2799

11-16-1999



ASSIGNMENT R

-PATENT-

101162962



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- | | |
|----------------------|----------------|
| a) Shankar Natarajan | e) Vipin Rawat |
| b) Andrew G. Harvey | f) Leo Pereira |
| c) Hsuan-Chung Lee | |

2. Name and address of receiving party(ies):

- a) Name: Cisco Technology, Inc.
Address: 170 West Tasman Drive, San Jose, California 95134-1706

3. Nature of conveyance

- | | |
|--|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> License Agreement |

Execution Date: August 13, 1999

4. Application Number(s) or Patent Number(s): (09/342,341)

The title of the (new) application is:

Technique for Providing Dynamic Modification of Application Specific Policies in a Feedback-Based, Adaptive Data Network

5. Please send all correspondence concerning this (these) documents to:

Customer Number: 022434

BEYER & WEAVER, LLP
P.O. Box 61059
Palo Alto, CA 94306
Telephone (510) 843-6200
Fax (510) 843-6203



022434

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☒ Any deficiencies fees are authorized to be charged to Deposit Account No. 50-0388
(Order No. CISCP120)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: August 23, 1999

08/31/1999 ASAHLE 00000044 09342341

05 FC:581

40.00 OP

Jeffrey K. Weaver
Registration No. 31,314

ASSIGNMENT OF PATENT APPLICATION
(Not Accompanying Application)

Attorney Dkt: CISC120/1638

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

**TECHNIQUE FOR PROVIDING DYNAMIC MODIFICATION OF APPLICATION SPECIFIC
POLICIES IN A FEEDBACK-BASED, ADAPTIVE DATA NETWORK**

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on June 29, 1999, and which bears the Application No. 09/342,341.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Cisco Technology, Inc., a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1) Signature: Shankar Natarajan Date: 8/13/99
Typed Name: Shankar Natarajan

County of Santa Clara)
) ss.
State of California)

On this 13th day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Shankar Natarajan, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he~~ she executed the same in ~~his~~ her authorized capacity, and that by ~~his~~ her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke

1 of 3



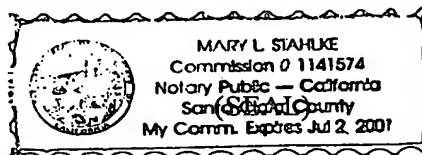
2) Signature: Andrew G. Harvey Date: 8/13/1999
Typed Name: Andrew G. Harvey

County of Santa Clara)
) ss.
State of California)

On this 13th day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Andrew G. Harvey, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke



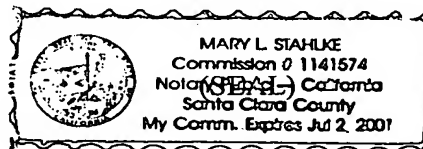
3) Signature: Hsuan-Chung Lee Date: 8/13/1999
Typed Name: Hsuan-Chung Lee

County of Santa Clara)
) ss.
State of California)

On this 13th day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Hsuan-Chung Lee, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke



4) Signature: Vipin Rawat Date: 8/13/99
Typed Name: Vipin Rawat

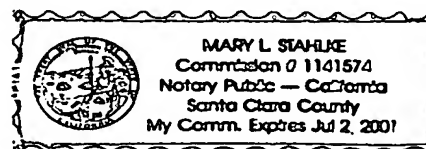
County of Santa Clara)
) ss.
State of California)

On this 13th day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Vipin Rawat, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke

(SEAL)



5)

Signature:

Typed Name: Leo Pereira

Date:

8/13/99

County of Santa Clara)
) ss.
State of California)

On this 13th day of August, in the year 1999, before me, MARY L. Stahlke, personally appeared Leo Pereira, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature

Mary L. Stahlke

